



ZEPP BASEBALL USER GUIDE



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# Getting Started

## What's Included



## iOS & Android Requirements

iPhone 4S+ and newer, iPad 3rd Generation, iPod Touch 5th Generation

iOS 8 +

Android 4.4.2 +

\* Please Note: that iPhone 4s may have limited compatibility

## Downloading the Zepp Baseball App

You will need to download the free Zepp Baseball app to use your sensor or the video feature.

1. Tap on the iOS App Store icon / Google Play icon on your iOS or Android device.
2. In the search toolbox, enter Zepp Baseball.
3. There will be an icon with an add feature that says “Free” for iOS users and “Install” for Android users. Click this icon. A new green icon will appear asking “Install App”. Tap it.
4. Once the download is complete you can find Zepp Baseball on your device.



## Getting to know the Zepp 2 Sensor



## Battery Life and Charging

It is recommended to fully charge the sensor prior to use. This may take up to 1.5 hours for a full charge. The battery will last up to 8 hours. If you feel magnetic resistance between the sensor and charger. Rotate the sensor 180 degrees so the sensor will charge.



## LED Indicator Lights

Low battery indicator on the sensor is a blinking red LED light.



While charging your sensor you'll see a blinking orange light.

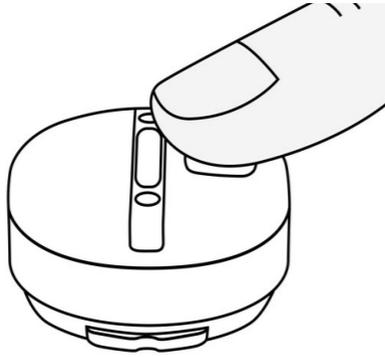


When charging is complete a solid green LED light will be visible on the Zepp 2 charger.



## Turning on your Zepp 2 Sensor

Hold the power button for 4 seconds to turn it on. The Zepp 2 sensor LED light will blink twice and remain off during use. You can capture swings while the sensor is in this mode. Click the power button once and the LED light will blink 3 times which will indicate that the sensor is powered on and able to record swings. The Zepp 2 sensor will automatically power off if no swings have been taken for 15 min.



## Pairing your Zepp 2 Sensor to your mobile device

1. Enable bluetooth on your mobile device
2. Login or Create an account in your Zepp Baseball app
3. Tap Training menu icon
4. Tap 3D Swing Analysis
5. Tap Zepp 2 sensor icon on the top left of the screen
6. In “My Sensor” menu tap Zepp 2 sensor icon in the right hand corner of screen
7. Turn on your Zepp 2 sensor
8. Your Zepp 2 sensor will be discovered under “Discovered Sensors”
9. Tap the sensor name to connect

## Mounting your sensor

Start by attaching the mount to the knob of the bat. Use the adhesive tape underneath the mount if you plan on attaching the mount permanently to the bat. Once mounted to the bat insert the sensor into the mount and press firmly to ensure a secure fit.

## Flash Storage Capability

The Zepp 2 sensor has two different modes.

**Online Mode:** When the app is connected to the Zepp 2 sensor you will notice that the sensor icon will be solid yellow in the app.

**Offline Mode:** This is when the sensor is turned on but not connected to the app.

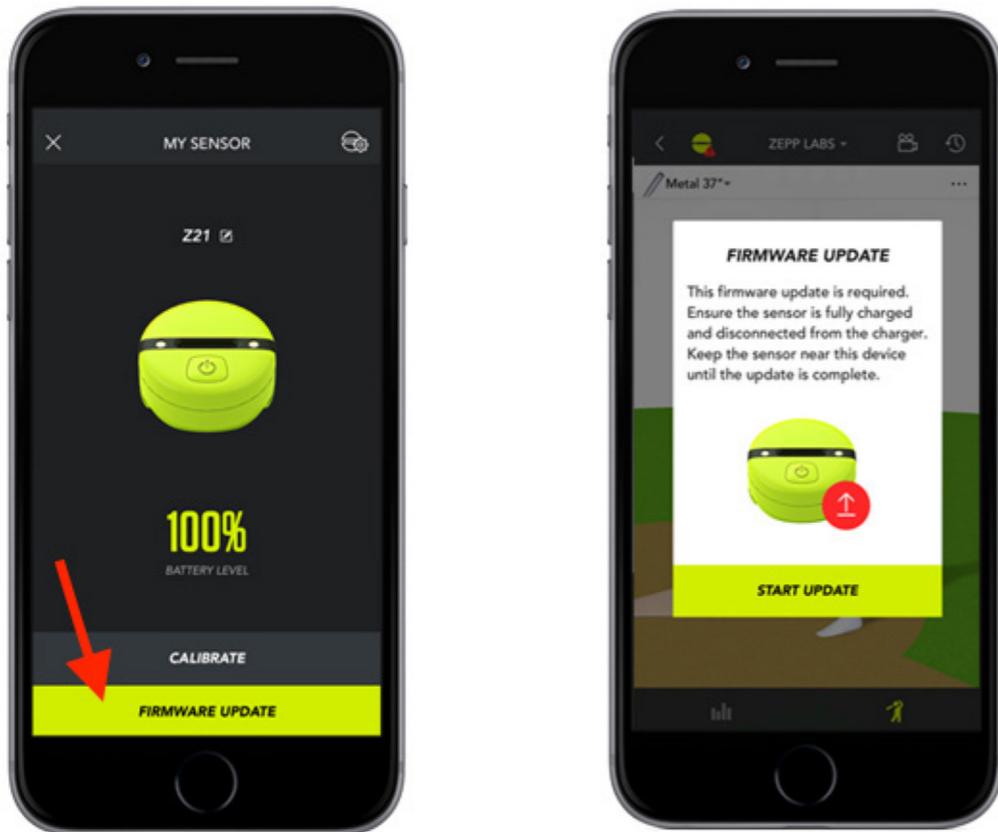
For Zepp Baseball, it is recommended to operate in online mode. In online mode, the Zepp 2 sensor is connected to the app on your mobile device. All captured swings are stored immediately and saved to the app. In offline mode, all your swings will be stored locally on the sensor until you reconnect the app again. Once reconnected to the app all the swings stored on the sensor will be synced to the Zepp Baseball app

You will be presented with a “Sync Data” dialog box that will ask you to “Sync Now” or “Disregard”. You can choose which player to sync the data to from this screen.

## Firmware Updates

Updating the firmware will improve accuracy and overall performance of the sensor. To check if a firmware update is available, sync the sensor to the app. If an update is available you will see the “firmware update” notification in the “My Sensor” screen of the Zepp Baseball app.

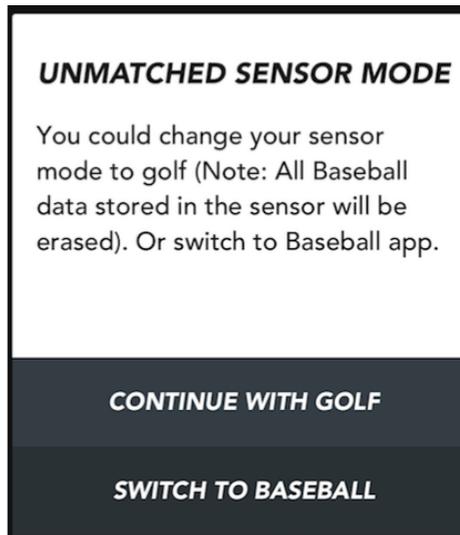
In the 3D view a mandatory firmware update will be sent from our servers from time to time, once the sensor is connected to the app. If a mandatory update is available make sure that the sensor is fully charged and that you allow at least 3 mins for the update to complete.



## Multi-Sport Functionality

Your sensor will work with 2 Zepp Sports Apps: Zepp Baseball and Zepp Golf. Simply download the mobile app of choice and attach the sensor to the appropriate bat, or golf mount. To use the sensor for a different sport, connect your sensor to your mobile device and open the app of your choice. A popup menu will appear asking you to change modes of the sensor.

Once mode is changed a notification will inform you that the change was successful.



## Training With Zepp

## What the Zepp Sensor Measures

### Bat Speed at Impact

Bat Speed at Impact is the measure, in miles per hour (MPH) or kilometers per hour (KPH), of the velocity of the barrel of your bat when the bat impacts the ball.

**Note** - This is **NOT** the maximum bat speed of your swing.

### Max Bat Speed

Max Bat Speed (Offered in the Chart located in the Bat Speed at Impact focus screen) is the max velocity the barrel of your bat travels during your swing. The faster your bat is traveling when you make solid contact with the ball, the farther the ball will travel.

### 3D Path

The bat path is the path takes as it extends along the arc of the swing away from the ball back through the hitting zone and up into your follow through. Bat path can be viewed with a 360 degree view on the 3D view by swiping your finger up, down, left, and right on the avatar.

### Hand Speed Max

Hand Speed Max is the measure, in miles per hour (MPH), of the maximum velocity the bottom hand on the bat travels during the swing.

### Time to Impact

Time to Impact is the amount of time (in seconds) from the start of your downswing until impact of the bat with the ball. The closer to ZERO your swing is, the quicker your bat is to the ball. The faster the time to impact, the longer the hitter can wait to start the swing. Time to Impact also measures how quick a user is, but while hand speed focuses on one specific part of their swing, Time to Impact measures their coordination of both their hands and the bat barrel to maximize efficiency to the ball.

### Bat Vertical Angle at Impact

This is the Vertical angle (Up or Down) measured in degrees, of your bat barrel in relation to the knob of the bat, when it makes impact with the ball.

### Attack Angle

Attack Angle is the direction the bat barrel is moving (Up or Down) at impact. A positive number would mean your barrel is going UP at impact, zero is LEVEL and a negative number is the barrel going DOWN at impact.

## 3D Swing Analysis

Review and replay your swing captured by the Zepp 2 sensor in 3D. Rotate and analyze your bat path from any angle by moving your finger left or right to navigate around the swing. Drag up or down to view from a top angle. Using 2 fingers you can pinch and zoom. You can also switch between bat/hand path also bat plane by clicking on the tabs with those names.

## Dashboard View

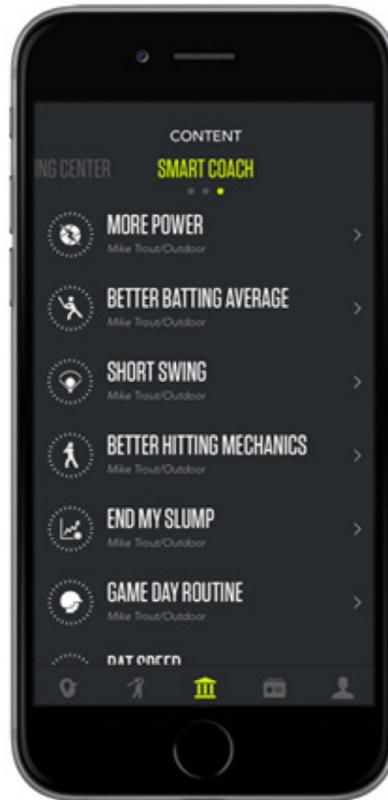
The Dashboard View is the dashboard that shows you the results of the swing you are analyzing captured by the Zepp 2 sensor. Metrics within the dashboard view include bat speed at impact, hand speed max, time to impact, bat vertical angle at impact and attack angle. Selecting any of these metrics screens will open the specific metric's focus screen. Here you can view a video overview of the metric or a video with a tip and drill on how to improve on the selected metric.

## Video Swing Analysis

Using your phone or tablet you can record a video to analyze a swing. There are two modes for video capture – auto & manual. Auto can only be used with users that are using a Zepp 2 sensor at the time of swing capture where-as manual can be used by users that either do or do not have a sensor. To get started, tap the video camera icon located at the top right corner of the 3D or dashboard view followed by the record icon. Go to the video settings by tapping the settings button at the top of the video view and choose whether you'd like to use a countdown timer (manual mode only), if you would like to enable the framing guide (recommended to be used so that your video playback matches the range that the Zepp Pros videos were captured), your dominant hand, and perspective you will be recording from. (Face on or Back View) Next, select whether you would like to manually record your swings by either having someone record you or via the count down option found in the settings. Users with a Zepp sensor can also choose the option to automatically record their swings. Once you are aligned with the framing guide either begin recording for the manual mode, or simply swing away when using the auto mode and each swing will be recorded in the app!

## Smart Coach

Smart coach is a personalized training program to help you improve your swing. In the app we have Pro players along with world-renowned baseball-softball coaches who will help recommend a focus on specific issues based on your swing.



## Training Plans

Training Plans are a set of drills that range from the fundamentals to core strength, speed and power. The training plans better illustrate the techniques needed to help improve your swing and season.

## Training Test

At the end of each drill is a training test. Connect your Zepp 2 sensor and take 10 swings to determine how well you are doing with your current training plan. The score consists of your bat speed at impact, hand speed, time to impact, bat vertical angle at impact, attack angle.



## Recommend My Focus

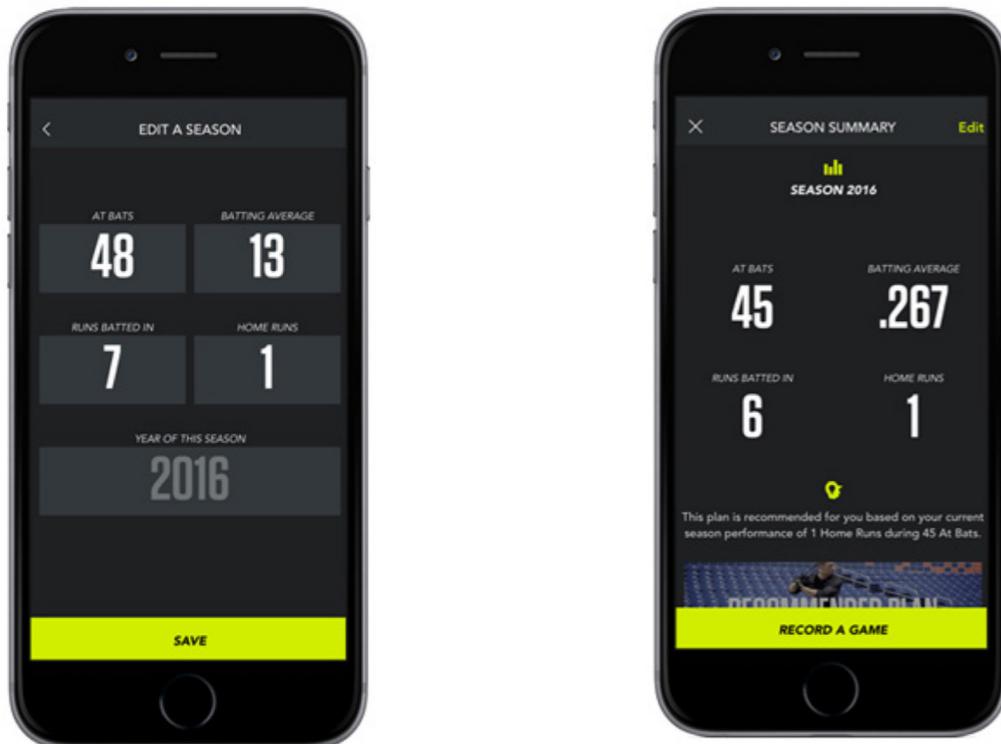
Take 10 swings with the Zepp 2 sensor and Zepp will recommend a training plan based on your data. This is a good way to start if you don't know which plan to begin with.

## Instant Evaluation

You can receive instant analysis and evaluations that help you focus on your training. You can choose a 10 swing eval or a 3 swing eval. Depending on your data Zepp will recommend a specific training plan to help improve your swing.

## Record My Season

My season allows you to get recommended training plans based on your game results. You can insert your status from a previous season to get recommended programs to improve your stats. Or you can insert your current season game by game and let “My Season” help you improve your stats with pre-game routines and recommended training plans.



ZEPP BASEBALL USER GUIDE

## Zepp Insights

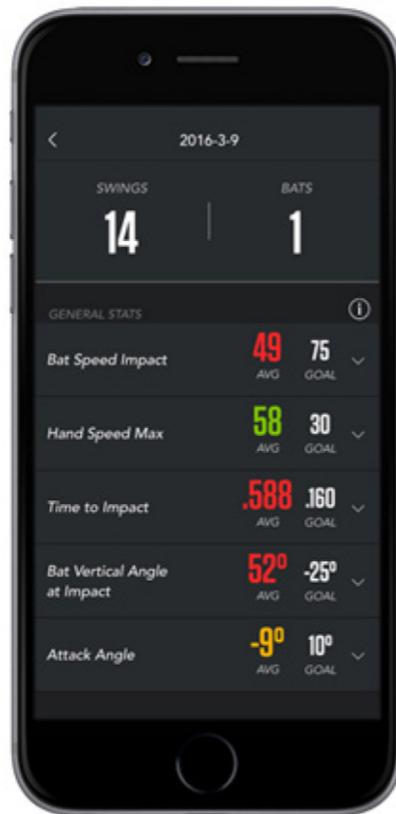
This report will take users who have captured at least 30 swings for a certain week and provide them with their top metric as well as a metric that can use improvement. Both of these measurements are calculated based on your swing performance for the week in comparison to your swing goals. The metric that averages nearest to its goal will be outlined as your top stat whereas the metric that’s average is the furthest from it’s goal is considered the recommended focus. Tap the history icon and swipe to the right to see all your Zepp Insights reports for any given week.

## Pro Players

Zepp Baseball has multiple Professional player’s swings located in the Pro Players section of the app. Here you can review various players such as Mike Trout, and Jennie Finch who have captured swings in 3D using the Zepp sensor. In addition, you can view a slow motion replay of their swing from the back or face on view and compare each of these replays in slow motion to your own swing captured in the app using the Zepp sensor or captured using the video tool!

## Day Reports

Day Reports provide you with detailed analysis on your swing sessions and how you are performing against your goals each day you capture swings with your Zepp 2 sensor. Additionally they are a way for you to review all tagged swings by Hit type, Hit direction as well as see average Ball Exit Speed and Power Score for users taking advantage of a 3rd party radar device.



## Feed

The Feed includes achievements shared by fellow Zepp users, highlights from Zepp athletes, news for Zepp users, and more. Publicly share your best Zepp results to a social network and your post could get featured in the Feed.

## Training Center

The Training Center features video tips and drills for both baseball and softball players to improve on each aspect of their swing. Tips and drills for baseball are provided by Major League hitting coach John Mallee. Similarly for softball, tips and drills are provided by head coach of University of Florida's softball team Tim Walton and former UCLA head coach Sue Enquist.

## Coaching With Zepp

## Add/Remove a Player

To add or remove a player from your account, select “Profile” then select “Players”. To add a player, select the “+” sign located in the top right corner. Enter all the information of your sub user like name, email address, handedness, and the swing goals.

Enter email address so the player can view swings by downloading the Zepp Baseball app. The coach can view the swings the player takes as long as the player has a Zepp sensor.

To delete a player, select the player profile in which you would like to remove. Tap on “edit” in the top right corner of screen. Tap on the “trash can icon” in the top right corner of screen. A popup screen will appear confirm your decision. Tap on “Remove” to delete the player

## Switch Between Players’ Captured Swings

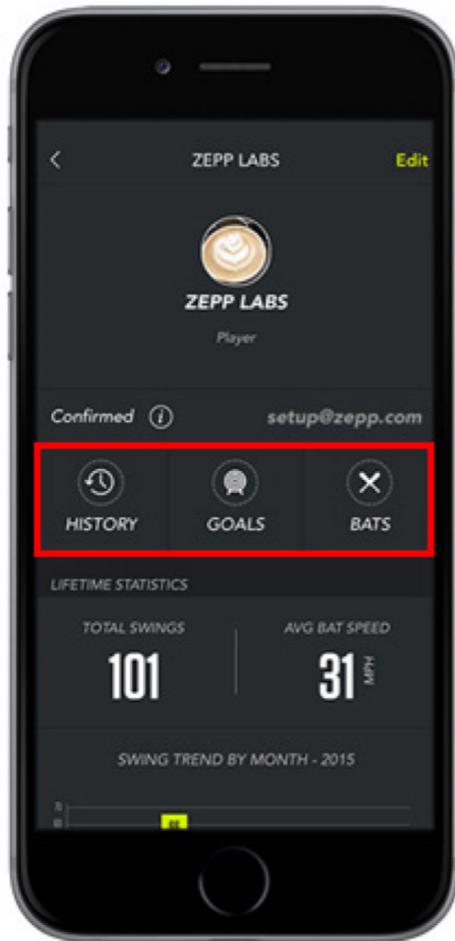
Capturing swing data for different players is done by selecting the player in the “Change Batter” tab located in the “3D swing analysis view”. Above the 3D avatar there is a section that contains the name of the current player. To switch between players, simply tap the name to open the “Change Batter” tab which contains all players. Select accordingly and swing! All swings will then be saved under that specific player’s account.

## View a Player’s Swing History

To view swing data for a specific player, you must first select their profile under the “Change Batter” menu located in the 3D view as explained above. Once the player is selected, tap the history icon located in the top right corner of the 3D view. This will open the full history for the player and categorizes swings according to the month and day in which they were

**View a Player's Day Reports, Change a player's swing goals and update your Bat**

Day Reports contain averages for a particular player for all metrics each day swing information is captured. Selecting “Players” in the user profile menu can access the day reports for each player. From here, select the player to open their profile. In the player profile you can select “history” option to access their day reports. Similarly, you can change a specified player's swing goals and bats.



**Sync Status**

Sync status relates to whether or not a player has an email address associated with their player profile. It will also indicate whether or not they have accepted the sync request email that is sent when an email is added to a player's account. This status does NOT indicate that a player's swing information has synced with the cloud nor does it affect player's swing information. Each of the Sync Status terms are defined below:

**Not Synced:** The player does not have an email address associated with their player profile

**Pending:** The player has an email address associated with their player profile, but they have not yet accepted the sync request email.

**Confirmed/Synced:** The player has an email address associated with their player profile and they have accepted sync request email. Confirmed means that the player has not created their own account within the app. Synced indicates that the player has created their own account within the app.

## Swing Management

Baseball swings are stored on our cloud infrastructure to ensure that your data is backed up at all times. When you take a swing, the sensor transfers the data to the app, then to our servers. Make sure that you have access to the internet on your mobile device at all times preferably. Each 3D swing is around 5kb and a video swing is 5mb each. Accumulating video swings can use up the space on your mobile device. Make sure that you have space on your mobile device when taking lots of video swings.

### Compare a Swing

You can compare two of your swings with one-another, to another player, (users added under the Players menu) or with any of the Zepp pros found in the app. Users that have captured swing data using the Zepp 2 sensor can compare the 3D rendering of their swing as well as any video recorded swings caught using the video tool to any professional's found in the app. Users without a sensor can compare the video views of their swings captured via the video tool to any of the professional's found in the app as well. This can be done in two separate areas of the app:

Select a swing you would like to compare so that you are viewing either the 3D swing analysis mode or video swing analysis mode. Once viewing the swing, open the control center located in the top right corner of the 3D view, followed by selecting "Compare This Swing". Select if you want to compare the swing to a "User" or a "Pro".

To compare a user swing select from the "Users" category. Swipe right to compare

your swing to the Pros.

### Share a Swing

Swings can be shared via email, Facebook, Twitter, Instagram, WeChat or email from the 3D view. Find the swing that you would like to share and view the 3D view of the swing. From here, open the control center located in the top right corner and select "Share this Swing" followed by the channel that you would like to share your swing through. This feature is for swings captured using a Zepp sensor and will share a screenshot of the 3D view of your swing as well as the dashboard highlighting the swing's metrics

### Delete a Swing

There are a couple different ways in which you can delete a swing. In your swing history, swipe left across the swing that you'd like to delete and tap delete. Confirm the deletion by tapping on "remove" from the popup menu.

Alternatively, select the day in which you would like to delete swings and tap edit in the upper right corner of your swing history. Select the swings that you would like to delete followed by "Delete Selected

Swings." Lastly, you can delete a selected swing by selecting the swing so that you are viewing it's 3D view, followed by selecting the three horizontal dots in the top right corner of the app and tapping delete.

## Cloud Sync

Whenever you swing, your swing data will automatically and instantly appear on your smartphone or tablet. There's no limit to how many swings you can store and analyze in the app. When you're connected to WiFi or a 3/4G network, your swings will automatically sync to the cloud. Cloud sync allows you to view your swing history when you sign in to the app from any mobile device. If you are working with multiple mobile devices you can choose whether to download your swings to the second device or keep the video swings on the server.

Cellular data usage is automatically enabled and can be turned off by visiting the settings section within the app located in the main menu. To disable cellular usage, simply slide "Only Sync On Wi-Fi" on.

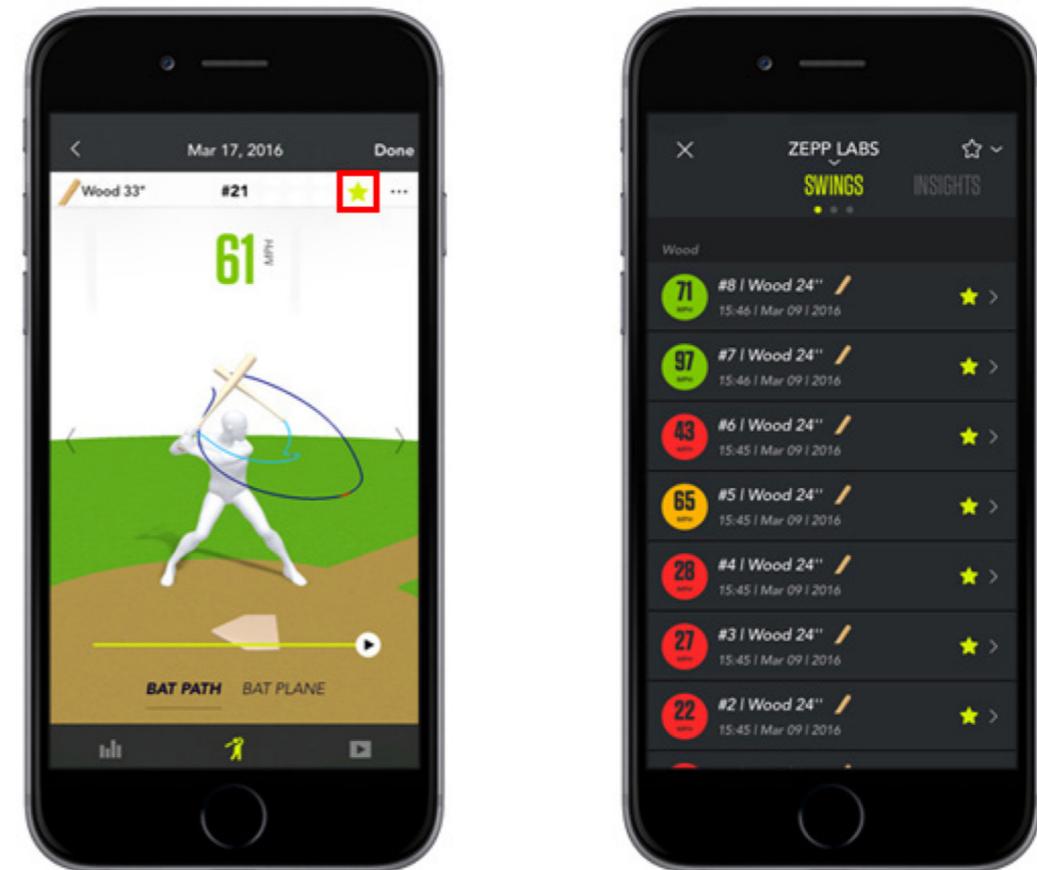
- Note: Mobile devices that have limited space can run into storage limitations using the Zepp Baseball app with video swings. We Recommend ensuring you have plenty of space available on your mobile device if you plan to capture many video swings.

If video swings are backed up on the cloud, you can uninstall/reinstall the app. Then choose which video swings you want to download, by going into the history icon and choosing the swing with the video thumbnail.

If your mobile device is on wifi, the video will be downloaded as soon as you tap on the swing. If your on cell data (non - wifi), the video swing will not download automatically. Simply tap on the download button to download the video swing.

## Favorite a Swing

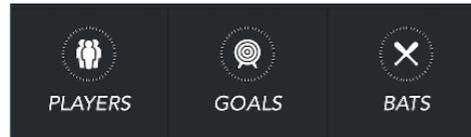
The favorite a swing feature allows you to keep track of all of the great swings you make. To favorite a swing with your sensor press power button within 5 seconds of your swing. Alternatively you can select the star icon located in the top right corner next to the calendar icon for any selected swing.



# Account Management

## User Profile

Tapping the user icon  you will have your lifetime statics of all your swings that you have taken, along with a month to month trend of your swing score. Personal bests will also be displayed for your swing score and swing evaluations. You can add your sub users, set goals and add your bats.



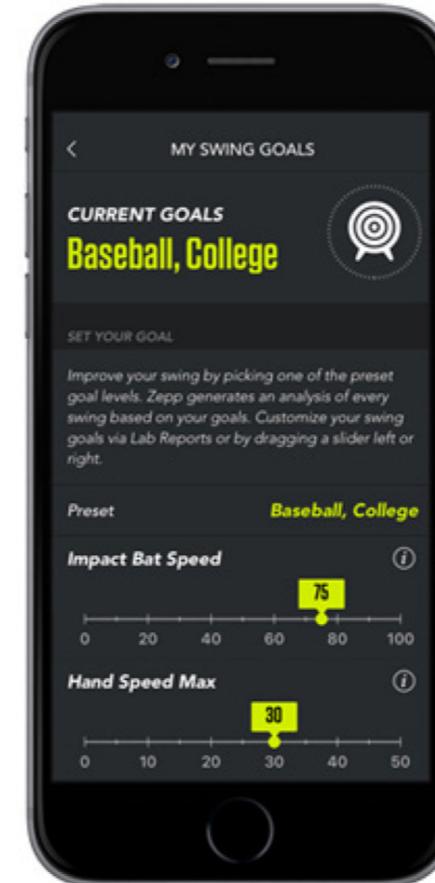
Tapping on the “edit” button you can set your box position and bat position along with your primary sport (baseball or softball) and your role.

## Bats

There are various makes and models of bats to choose from in the Zepp Baseball app. If you don't see your bat, select “Generic” and ensure that your bat's length is set correctly before you proceed.

## Set Goals

Set Swing Goals according to your age or customize goals for each metric to track how each swing compares to your ideal metrics. Zepp generates an analysis of every swing based on your goals and color codes them according to how well you perform. Colors range from green (performing well), yellow (needs minor improvement) or red (needs major improvement).



Zepp.com

## Web Portal

You can view all your swings on your desktop PC or Mac with the industry leading browsers like Firefox, Chrome, and Safari Go to [www.zepp.com/](http://www.zepp.com/) click “My Account” section.

Create your account or login to your existing account that you created on the Zepp Baseball app.

Facebook logins are welcomed.

## Dashboard

The Dashboard is a place where you can see a high level view of all your metrics.

The Dashboard will show you most improved, top bat/club speed. Also what metric that needs work.

## Analysis

The Analysis section will show you all your swings that you have taken within the Zepp app. You have view options to see your data on any given month, week or day.

Over time you can see your metrics and the trends to determine if you are improving or if there are areas that need more focus.

## Players / Manage Players

All sub user info will be displayed along with their metrics for any given day, week, month, year or all time. In the settings menu you have the ability to add players / remove players from your roster.

Editing player profiles, checking sync status and number of swings can all be viewed from your PC or Mac.

## General Information & Specifications

## App Updates

Zepp will periodically add new features, updates, and improvements to the Zepp Baseball app. It is recommended that you keep your Zepp Baseball app updated to the latest version.

## Using your Zepp in Wet Conditions

Your Zepp 2 sensor is water-resistant. It is sweat-proof, rain-proof, water resistant, and can function with light water exposure.

## Customer Support

Troubleshooting and assistance for your Zepp Baseball can be found at:

[https://support.zepp.com/?b\\_id=12409](https://support.zepp.com/?b_id=12409)

Live Chat : Monday - Friday 8:00am - 5:00 PM PST

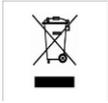
## Technical Specifications

Zepp uses 3 MEMS sensors to measure motion in its proprietary motion engine capture system. This motion engine is used to capture speed, time to impact, angles at impact, and more.

## Return Policy and Warranty

Zepp provides a one-year limited warranty. Under conditions of the warranty agreement provided with your Zepp, purchasers will be entitled to repair or replacement for defective Zepp units. This warranty begins from the date of initial purchase. Zepp may also choose to refund the purchase price of the unit to the purchaser. Warranty information and the Zepp online web store return policy can be found in the Zepp Support Center online at <https://baseballsupport.zepp.com>

## Regulatory and Safety Notices



The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off point, please contact your local electrical and electronic equipment waste management authority or the retailer where you bought the product.

- Do not dispose of the Zepp sensor with household waste.
- Batteries are not to be disposed of in municipal waste stream and require separate collection.
- Disposal of the packaging and your Zepp should be done in accordance with local regulations.

For additional information on disposal and recycling, including contact de-

tails of a distributor in your region, please visit [https:// baseballsupport.zepp.com](https://baseballsupport.zepp.com)

